

137478.1
PATENT



DOCKET 13341US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: PFEIFER, *et al.* Examiner: TRAN, Hien Thi
Serial No.: 09/985,954 Group Art Unit: 1764
Filed: November 06, 2001
For: Exhaust gas treatment unit for the selective catalytic reduction of nitrogen oxides under lean exhaust gas conditions and a process for the treatment of exhaust gases

Customer No.: 23719

Kalow & Springut LLP
488 Madison Avenue, 19th Floor
New York, New York 10022

January 9, 2007

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents:

In accordance with 37 C.F.R. §§ 1.56 and 1.97 through 1.98, Applicants wish to make known to the Patent and Trademark Office the reference set forth on the attached form PTO/SB/08A. Applicants do not admit that the reference is "prior art" under 35 U.S.C. §§ 102 or 103, and specifically reserve the right to traverse or antedate any such reference. Although the aforesaid reference are made known to the Patent and Trademark Office in compliance with Applicants' duty to disclose all information of which they are aware and believe relevant to the examination of the above-identified application, Applicants believe that their invention is patentable.

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Certificate of Express Mailing Under 37 C.F.R. § 1.10

I hereby declare that on the date indicated below, this correspondence is being deposited with the United States Postal Service via First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA, 22313-1450 on the date shown below.

Mark Daly
(Signature)

Mark Daly
(Printed Name of Person Signing Certificate)

January 9, 2007
(Date)



I. U.S. PATENT DOCUMENTS

Patent No.	Date Issued	Title
US 5,120,695 to BLUMRICH, <i>et al.</i>	June 9, 1992	Catalyst For Purifying Exhaust Gases From Internal Combustion Engines and Gas Turbines Operated at Above the Stoichiometric Ratio
US 6,677,264 B1 to KLEIN, <i>et al.</i>	January 13, 2004	Catalyst For Cleaning Up the Exhaust Gases of a Diesel Engine
US 7,084,086 to KASAHARA, <i>et al.</i>	August 1, 2006	Catalyst For Purifying Exhaust Gases

II. FOREIGN PATENT DOCUMENTS

Publication No.	Country	Publication Date
EP 0 896 831 A1	EPO	17 February 1999
JP 09-010556	Japan	1997
JP 11125110 A JPO Abstract	Japan	11 May 1999
JP 03221147 A JPO Abstract	Japan	30 September 1991
JP 2000157870 A JPO Abstract	Japan	13 June 2000
JP 11221466 A JPO Abstract	Japan	17 August 1999
WO 94/25143	WIPO	10 November 1994

Applicant below provides available U.S. and European family members of foreign language references for the convenience of the Examiner.



English Language Family Members of Foreign Language References	
Foreign Language Reference	English Language Family Member
JP 03-221147	US 5,120,695
JP 2000-157870	US 6,667,264
JP 11-221466	US 7,084,086
WO 94025143	EP 0 666 099 (cited in IDS of Aug. 23, 2002)

An English language Derwent Record is provided herewith for the following foreign language references:

JP 11-125110 A - Derwent Record

JP 09-010556 A - Derwent Record

Applicant encloses a Fee Transmittal authorizing a charge of \$180.00 for the filing of this Information Disclosure Statement to Deposit Account No. 11-0171. If any additional fees are deemed due or any overpayment has been made please charge, or credit our Deposit Account No. 11-0171 for such sum.

Respectfully submitted,

Tor Smeland
Registration No.: 43,131
Attorney for Applicant

Kalow & Springut LLP
(212) 813-1600

Complete if Known

(Use as many sheets as necessary)

Sheet

1

3

Application Number

09/985,954

Filing Date

November 6, 2001

First Named Inventor	_____
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PFEIFER, et al.

Art Unit

1764

Examiner Name	
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TRAN, Hien Thi

Attorney Docket Number

UMICORE 0040-US

[illegible]

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		EP 0 896 831 A1	17-02-1999	Man Nutzfahrzeuge		
		JP 09-010556 A	1997	Man Nutzfahrzeuge		
		JP 11125110 A JPO Abstr.	11-05-1999	Man Nutzfahrzeuge		
		JP 03221147 A JPO Abstr.	30-09-1991	Degussa AG		
		JP 2000157870 A JPO Abstr.	13-06-2000	Degussa Huels		

**Examiner
Signature**

Date	
Cons	

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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: **Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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PTO/SB/08a (09-06)

Approved for use through 03/31/2007. OMB 0651-0031

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet **2** of **3****Complete if Known**

Application Number	09/985,954
Filing Date	November 6, 2001
First Named Inventor	PFEIFER, et al.
Art Unit	1764
Examiner Name	TRAN, Hien Thi
Attorney Docket Number	UMICORE 0040-US

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US-			
		US-			
		US-			
		US-			
		US-			
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		JP 11221466 A JPO Abstr.	17-08-1999	Nissan Motor Co.		
		WO 94/25143	10-11-1994	Nippon Shokubai		

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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PTO/SB/08B (09-06)

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	09/985,954
Filing Date	November 6, 2001
First Named Inventor	PFEIFER, et al.
Art Unit	1764
Examiner Name	TRAN, Hien Thi
Attorney Docket Number	UMICORE 0040-US

Sheet	3	of	3
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NON PATENT LITERATURE DOCUMENTS

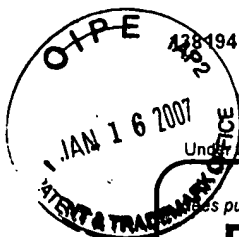
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		JP 11-125110 A - Derwent Record	
		JP 09-010556 A - Derwent Record	

Examiner Signature		Date Considered	
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1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/17 (07-06)

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Effective on 12/08/2004.
As pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL For FY 2006

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) **180.00**

Complete if Known

Application Number	09/985,954
Filing Date	November 6, 2001
First Named Inventor	PFEIFER, et al.
Examiner Name	TRAN, Hien Thi
Art Unit	1764
Attorney Docket No.	UMICORE 0040-US

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): _____
☒ Deposit Account Deposit Account Number: **11-0171** Deposit Account Name: **KALOW & SPRINGUT LLP**

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee
☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

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FEE CALCULATION

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXCESS CLAIM FEES

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180

Total Claims **Extra Claims** **Fee (\$)** **Fee Paid (\$)** **Multiple Dependent Claims**
_____ - 20 or HP = _____ x _____ = _____
Fee (\$) **Fee Paid (\$)**

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims **Extra Claims** **Fee (\$)** **Fee Paid (\$)**
_____ - 3 or HP = _____ x _____ = _____

HP = highest number of independent claims paid for, if greater than 3.

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets **Extra Sheets** **Number of each additional 50 or fraction thereof** **Fee (\$)** **Fee Paid (\$)**
_____ - 100 = _____ / 50 = _____ (round up to a whole number) x _____ = _____

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): **INFORMATION DISCLOSURE STATEMENT** **180.00**

SUBMITTED BY

Signature	<i>Tor Smeland</i>	Registration No. (Attorney/Agent)	43,131	Telephone	(212)813-1600
Name (Print/Type)	Tor SMELAND	Date	January 9, 2007		

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